ARJOHUNTLEIGH
GETINGE GROUP

# ENTERPRISE 5000/8000

## HOSPITAL BED RANGES

…with people in mind

# ENTERPRISE 5000 AND 8000 ELECTRIC PROFILING BED RANGES

**Contents**

Patient Safety ..... 4
Pressure Area Care ..... 5
Infection Control ..... 6
Decontamination ..... 7
Engineering / Servicing ..... 8
Moving and Handling ..... 9
*Enterprise 8000* ..... 12
*Enterprise 5000* ..... 14
Bed Range Features and Options ..... 17
Options for Both Bed Ranges ..... 18
Product Specifications ..... 20

**The *Enterprise*® bed range has been designed with risk management, ease of use and servicing in mind, and offers unique benefits in key areas:**

| | |
|---|---|
| **Patient Safety:** | The beds have an exceptional low height of 300 mm. |
| **Infection Control:** | The beds were designed with the aim of being the easiest in the world to clean and decontaminate. |
| **Pressure Area Care:** | The patented *Bio-Contour*® profiling system gives superior pressure reduction. |
| **Service / Engineering:** | Designed for “pit stop maintenance” – open accessibility means changes can be carried out in situ within a few minutes by one person. |
| **Moving and Handling:** | *Enterprise* beds are lightweight and very easy to manoeuvre. |

# PATIENT SAFETY

Falls prevention is a major risk management consideration in hospitals today. Patient falls can cause injuries to both staff and patients. This can result in physical and psychological distress and increased costs due to staff sickness, longer hospital stays and litigation. The exceptional low height of 300 mm significantly reduces the risk of injuries due to falls. For additional patient safety, an optional audible alarm on the *Enterprise 8000* bed detects when the patient exits the bed.

**Safety sides**
The gaps in and around the safety sides are fully compliant with IEC 60601-2-38 (the International Standard for Electrically Actuated Hospital Beds), to minimise entrapment risks.

**Zero transfer gap**
A zero transfer gap when the split safety sides are folded down allows easier patient transfers.

**Underbed light**
Underbed lighting improves patient safety and security by illuminating the bed exit area.

**Optional anti-entrapment system**
The anti-entrapment sensors detect an object/person underneath the bed. The bed will automatically stop lowering until the obstruction is removed reducing the risk of entrapment to the patient, staff or equipment.

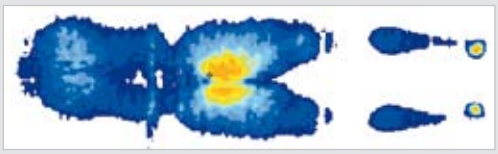
# PRESSURE AREA CARE

***Bio-Contour*® 3-dimensional profiling system**

The unique patented *Bio-Contour* 3-dimensional profiling system offers outstanding pressure, shear and friction reduction. It consists of:

- Curved mattress platform
- Intelligent profiling system
- Unique combination of mattress platform movements

**Pressure maps (beds fully profiled)**



**Standard bed**

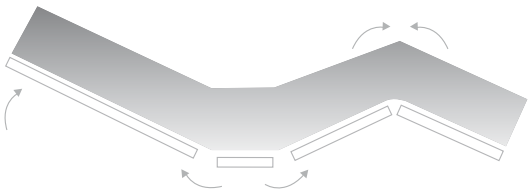
***Enterprise* bed**

**Interface pressure**

**Low** **High**

**Curved mattress platform**

The lateral curve on the mattress platform mimics the shape of a person's back much more closely than a flat surface. This results in lower pressures in the middle of the patient's back, both when the bed is flat and through all profiles.



**Mattress platform movements**

The mattress platform of the *Enterprise* bed mimics the way a person's tissues stretch as they move from a lying to a sitting position and reduces mattress compression at the seat section. This results in reduced pressure, shear and friction, improved comfort and improved postural support.

**Intelligent profiling system**

To prevent the patient sliding down the bed, when the auto-contour button is pressed, on descent the knee-break stays raised until the backrest is at the same angle. Both the backrest and knee-break then descend together until they reach a flat position simultaneously.

**Perimeter**

The unique perimeter ensures total mattress retention, securing the mattress in its correct position through all profiles. As a result, correct gaps are maintained, reducing entrapment risks.

# INFECTION CONTROL

*Enterprise* beds were designed with the specific aim of being the easiest hospital beds in the world to clean. Open accessibility allows easy cleaning of all areas. The beds were purposely designed without a base cover to allow full access for complete decontamination. A machine-washable version of *Enterprise 5000* is available. (More details on opposite page).

Steam cleaner compatible
(see opposite page for further details)

Smooth surfaces

Linen shelf to reduce cross-infection risks

# DECONTAMINATION

**Steam Cleaning**

**Low pressure, high temperature steam is an effective and efficient method of decontaminating hospital equipment. Advantages of steam cleaning include:**

- Improved bactericidal efficacy – when applied at the correct temperature and pressure steam destroys micro-organisms in under 2 seconds - including multi-resistant strains and bacterial spores
- Improved decontamination – steam penetrates awkward, difficult to reach areas
- Reduced use of chemicals which can be hazardous to health, damaging to surfaces and can contribute to microbial resistance
- Low water usage – steam cleaning uses less water than other decontamination methods
- Instantly dry surfaces, ready for immediate re-use
- Environmentally friendly

The *Enterprise 5000* and *8000* beds have been designed so that most parts are able to be safely steam cleaned using purpose-designed tools. The beds have nylon self-lubricating joints, so unlike many other hospital beds there is no grease on the joints that could be removed by the steam.

There are many low pressure steam cleaning machines available. These vary a great deal in terms of specification, price and efficacy. In order to be effective, the steam must be applied at a sufficiently high temperature and pressure. Please contact ArjoHuntleigh for further information on recommended steam cleaner specification, recommended tools and cleaning guidelines.

**Automatic Washing Systems**

**A version of the *Enterprise 5000* bed has been developed that is suitable for cleaning in certain automatic washing systems. For technical details of the washing systems that are suitable please refer to the user manual.**

**This bed has the following additional specifications:**

- Electrophoretic treatment prior to final coating to reduce the risk of corrosion
- IP66W ingress protection rating
- Corrosion-proof fixings and fastenings

Standard (1020 mm) and narrow (960 mm) width versions of these beds are available.

# ENGINEERING/SERVICING

*Enterprise* beds have been designed to give very easy access for maintenance and service. Open accessibility means that work on actuators, control box, battery and castors/brakes can be carried out in-situ within a few minutes by one person.

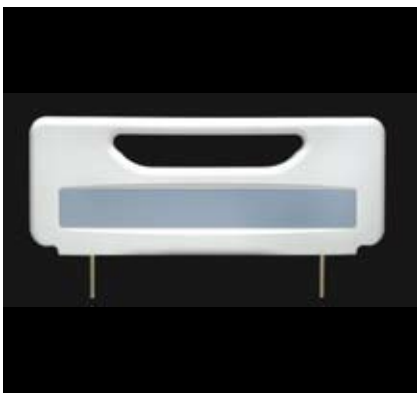
**Easy brake/castor maintenance**

**Self lubricating joints**

**Easy battery removal/change**

**Easy actuator changes**

**Plug in controls allow easy changes**



The head and the foot end panels, mattress platform and split safety sides are made from blow-moulded plastic which is easy to clean, resistant to aggressive chemicals, lightweight and very robust.

# MOVING AND HANDLING

*Enterprise* beds significantly reduce moving and handling risks to staff by safely accommodating heavier patients and being very easy to manoeuvre.

The safe working load of 250 kg safely caters for heavier patients without the need to source specialist equipment.

# ENTERPRISE 8000

## Split safety sides with integrated controls

## Ergonomic controls

The *Enterprise 8000* bed controls have been ergonomically positioned to allow easy access by the patient and carer. They have been specifically designed to be intuitive and very easy to use. The unique position and shape of the patient control panel on the split safety sides was established by extensive research into ergonomics and anthropometrics. It stays in the same position relative to the patient regardless of backrest angle, allowing continuous trouble-free access and ease of use.

## CPR

CPR levers are located on both sides of the bed. When either of these is activated, the backrest lowers manually. In addition, a CPR button on the Attendant Control Panel flattens the bed electrically to a mid-height position. (Also on *Enterprise 5000*)

## Optional bed exit alarm

To enhance patient safety, an optional bed exit alarm is available on the *Enterprise 8000* bed. When the function is enabled an audible alarm will alert medical staff if the patient leaves the bed.

## Head end off base

## Head end off mattress platform

# ENTERPRISE 5000

## Bed options

The *Enterprise 5000* bed has folding safety sides, with separate pendant controls for patient and carer. The bed is available in standard width (1020 mm) and narrow width (960mm) versions.

## Angle indicators

Built-in angle indicators for backrest and knee-break (also on *Enterprise 8000*).

## Washable option

A machine washable version of *Enterprise 5000* is available. See page 7 for further information.

## Paediatric option

Additional features on the *Enterprise 5000* Bed for paediatric care help to further enhance the safety of smaller patients.

These include narrow rail spacing on the safety sides, reducing the risk of entrapment, and an extra facility for isolating the bed controls (see below).

The bed is available in 'head end off mattress platform' configuration only.

## Lockable, tamper-proof switch

A lockable, tamper-proof switch is fitted on the side of the paediatric option, which the carer can use to lock out all of the electrically operated bed controls.

## Head end off base

## Head end off mattress platform

**Standard features**

- Split plastic safety sides with built-in controls (*Enterprise 8000*)
- Folding metal safety sides with pendant controls (*Enterprise 5000*)
- Head end attached to base (except paediatric and washable versions of *Enterprise 5000)*
- Fully electric operation
- Chair position at lowest height
- Auto-CPR and auto-contour
- Battery back-up
- *Bio-Contour* profiling system
- Lockout function for platform movements
- Dual-sided manual CPR levers for backrest
- Angle indicators (backrest, knee-break)
- Bed extension with mattress retainer
- Linen shelf with duvet retainer
- Removable head and foot ends
- Removable plastic deck sheets
- Linked brake / steer system (4 braking castors)
- 125 mm single wheel castors
- Under-bed light (not on washable *Enterprise 5000*)
- Zero transfer gap (*Enterprise 8000*)

**Options**

***Enterprise 5000* and *8000***

- Head board attached to mattress platform [1]
- X-ray translucent backrest and cassette carrier [2]
- Head / foot panel locks
- Dual-sided urine bag rails (round bar or DIN rails)
- 150 mm castors (single or twin wheel)
- Under-bed anti-entrapment system [3]
- Short bed (shorter calf section) [4]

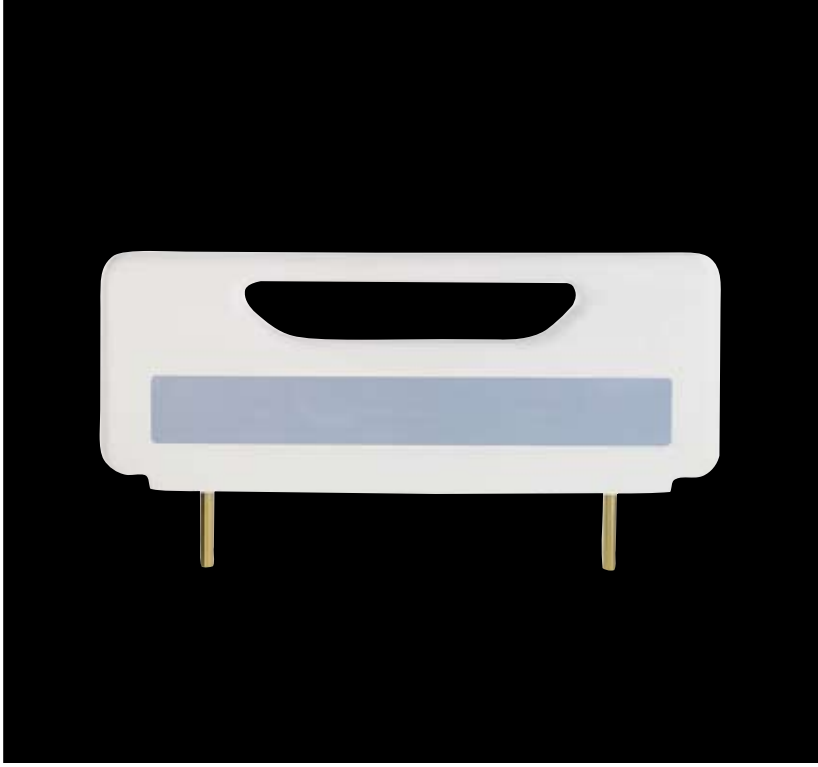
***Enterprise 5000***

- Child spacing folding safety sides with extra lockout for bed controls
- Stainless steel folding safety sides
- No safety sides
- Narrow bed
- Washable bed

***Enterprise 8000***

- Bed exit alarm

1 Standard on paediatric and washable versions of *Enterprise 5000*
2 Not available on washable or narrow versions of *Enterprise 5000*
3 Not available on washable versions of *Enterprise 5000*
4 Not available on narrow, washable version of *Enterprise 5000*



# FEATURES, OPTIONS AND ACCESSORIES

**Accessories**

- Single position lifting pole with adjustable strap
- Multi position lifting pole with adjustable strap
- Selection of IV poles – two-hook, four-hook, straight, angled and heavy duty
- Balkan beam fracture frame
- Small traction assembly
- Head end traction assembly
- Safety side pads
- Syringe pump holder
- Oxygen cylinder holder
- Drainage bottle holder
- Urine bottle holder
- Folding monitor shelf
- Foot end gap infill panels (*Enterprise 8000* only)
- Nurse handset holder for *Enterprise 5000*
- Service kit
- Transducer mounting pole
- ITU head panel
- Push bar for porters
- Height extensions for *Enterprise 5000* safety sides
- Extra pendant patient handset (factory fitted)
- Bedpan holder

For further details on accessories, please contact ArjoHuntleigh

# OPTIONS FOR BOTH BED RANGES

**Standard plastic backrest**

**X-ray backrest with cassette carrier***

*X-ray backrest and cassette carrier not available on washable or narrow versions of *Enterprise 5000*

**Standard and short length***
*Short length not available on washable version of *Enterprise 5000*
Overall lengths: standard bed = 2280 mm, short bed = 2170 mm

**Urine bag rails**
- Round bar with Trendelenberg inclinometer

**Urine bag rails**
- DIN rail

**Urine bag rails**
- Round bar
- Beds also available without urine bag rails

**Anti-entrapment***
- *Not available on washable version of *Enterprise 5000*

**Castors**
- 125 mm single wheel,
- 150 mm single wheel,
- 150 mm twin wheel
- Option to have tracking castor at head end or foot end.
- Tracking castor is anti-static.

**Head / foot end panel locks***
- *Available for head and foot ends, or for foot end only

# HEAD/FOOT PANEL INFILL COLOUR OPTIONS

Blue (standard)

Sea Blue

Green

Lilac

Mushroom

Peach

Beech

White

# PRODUCT SPECIFICATIONS

| **Product information** | **(These specifications apply to both *Enterprise 5000* and *8000* beds)** | |
|---|---|---|
| **Bed lengths*** | | |
| | **Standard** | **Short** |
| Overall length | 2280 mm (89 ¾”) | 2170 mm (85 ½”) |
| Overall length (extended) | 2400 mm (94 ½”) | 2290 mm (90 ¼”) |
| Mattress length (non-extended) | 2030 mm (80”) | 1910 mm (75 ½”) |
| **Bed widths** | | |
| | **Standard** | **Narrow** |
| *Enterprise 5000*<br>Overall width (with safety sides up or down) | 1020 mm (40 ¼”) | 960 mm (37 ¾”) |
| *Enterprise 8000*<br>Overall width (with safety sides up/down) | 1040 mm (50”) / 990 mm (39”) | N/A |
| Mattress width (*Enterprise 5000*) | 880 mm (34 ¾”) | 820 mm (32 ¼”) |
| Mattress width (*Enterprise 8000*) | 880 mm (34 ¾”) | N/A |
| **The *Enterprise 5000* and *8000* bed ranges have been designed to comply with IEC60601-2-38 (the International Standard for Electrically Actuated Hospital Beds).** | | |

| **Product information** | |
|---|---|
| Trendelenberg / Reverse Trendelenberg | ±12° |
| Height range | 300 mm (11 ¾”) - 770 mm (30 ¼”) |
| Safe working load | 250 kg (551 ¼ lbs.) |
| **Electrical Safety Standards** | |
| Power in (230V) | 3.0A max at 230V ac 50Hz |
| Power in (120V) | 5.8A max at 120V ac 60Hz |
| Electric shock protection | Class 1, Type B |
| Ingress protection | IPX4 |
| Ingress protection (washable beds only) | IPX6W |
| **Battery** | |
| 2x12V series connected, sealed, rechargeable, lead/acid gel 1.2 amp hrs | |

* Small variations in bed length subject to final bed configuration.

ArjoHuntleigh is a branch of Arjo Ltd Med. AB.

Only ArjoHuntleigh designed parts, which are designed specifically for the purpose, should be used on the equipment and products supplied by ArjoHuntleigh. As our policy is one of continuous development we reserve the right to modify designs and specifications without prior notice.

® and ™ are trademarks belonging to the ArjoHuntleigh group of companies.
© ArjoHuntleigh, 2010

Printed in the Czech Republic • Point • 01.MB.00.2.GB-INT.1.AHG • January 2010

ARJOHUNTLEIGH
GETINGE GROUP

**www.ArjoHuntleigh.com**

**GETINGE GROUP** is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of **ArjoHuntleigh**, **GETINGE** and **MAQUET**. **ArjoHuntleigh** focuses on patient mobility and wound management solutions. **GETINGE** provides solutions for infection control within healthcare and contamination prevention within life sciences. **MAQUET** specializes in solutions, therapies and products for surgical interventions and intensive care.

**ArjoHuntleigh International AB**
Po Box 61
SE-241 21 ESLÖV
Phone: +46 413 645 00
Fax: +46 413 645 63

CE 93/42/EEC